

CLAIMS

1. An antireflection film for transfer comprising:
a support,
5 an antireflection layer on the support and said
antireflection layer comprising a layer or layers, and
an adhesive layer on the antireflection layer,
wherein at least one of the layers which constitute the
antireflection layer is a high refractive index layer containing
10 metal oxide fine particles, and a photopolymerization initiator
and/or a photosensitizer,
the adhesive which constitutes the adhesive layer is an
active energy ray-curable adhesive, and the high refractive
index layer is impregnated with a portion of the adhesive, and
15 the support is releasable from the antireflection layer.
2. The antireflection film for transfer according to
claim 1, wherein the high refractive index layer is formed by
coating a coating liquid for high refractive index layer which
contains the metal oxide fine particles, and the
20 photopolymerization initiator and/or the photosensitizer.
3. The antireflection film for transfer according to
claim 1, wherein the high refractive index layer contains the
photopolymerization initiator and/or the photosensitizer in
an amount of 0.01 to 50 wt% with respect to the metal oxide
25 fine particles.

4. The antireflection film for transfer according to claim 1, wherein the metal oxide fine particles contained in the high refractive index layer are surface-treated with a compound having a crosslinkable functional group, and the adhesive contains a component which is crosslinkable with the crosslinkable functional group.

5. The antireflection film for transfer according to claim 4, wherein the crosslinkable functional group of the compound having the crosslinkable functional group is an unsaturated double bond or an epoxy group.

6. The antireflection film for transfer according to claim 1, wherein the metal oxide fine particles contained in the high refractive index layer comprise electrically-conductive fine particles.

7. An antireflection-treated article on the surface of which the antireflection layer of the antireflection films for transfer according to claim 1 has been transferred and formed via the adhesive layer.

8. The antireflection-treated article according to claim 7, wherein the article to be antireflection-treated is a display device.

9. An antireflection film for transfer comprising:
a support,

an antireflection layer comprising a low refractive index

layer disposed on the support and a high refractive index layer disposed on the low refractive index layer and having a higher refractive index than the refractive index of the low refractive index layer, and

5 an adhesive layer on the antireflection layer, wherein the high refractive index layer contains metal oxide fine particles, and a photopolymerization initiator and/or a photosensitizer,

10 the adhesive which constitutes the adhesive layer is an active energy ray-curable adhesive, and the high refractive index layer is impregnated with a portion of the adhesive, and the support is releasable from the antireflection layer.

10. The antireflection film for transfer according to claim 9, wherein the low reflective index layer and the high refractive index layer are each formed by coating.

11. The antireflection film for transfer according to claim 9, wherein the high refractive index layer is formed by coating a coating liquid for high refractive index layer which contains the metal oxide fine particles, and the photopolymerization initiator and/or the photosensitizer.

12. The antireflection film for transfer according to claim 9, wherein the high refractive index layer contains the photopolymerization initiator and/or the photosensitizer in an amount of 0.01 to 50 wt% with respect to the metal oxide fine particles.

13. The antireflection film for transfer according to claim 9, wherein the metal oxide fine particles contained in the high refractive index layer are surface-treated with a compound having a crosslinkable functional group, and the adhesive contains a component which is crosslinkable with the crosslinkable functional group.

14. The antireflection film for transfer according to claim 13, wherein the crosslinkable functional group of the compound having the crosslinkable functional group is an unsaturated double bond or an epoxy group.

15. The antireflection film for transfer according to claim 9, wherein the metal oxide fine particles contained in the high refractive index layer comprise electrically-conductive fine particles.

16. An antireflection-treated article on the surface of which the antireflection layer of the antireflection films for transfer according to claim 9 has been transferred and formed via the adhesive layer.

17. The antireflection film for transfer according to claim 16, wherein the article to be antireflection-treated is a display device.